



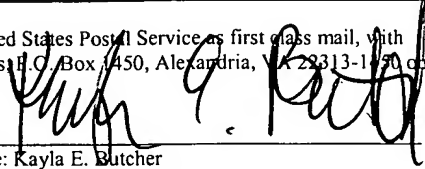
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

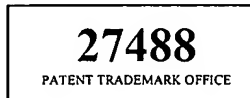
Applicant:	Michael Swafford et al.	Examiner:	Not Yet Assigned
Serial No.:	10/749,938	Group Art Unit:	Not Yet Assigned
Filed:	12/31/2003	Docket:	50037.0216US01
Title:	DYNAMIC MEMORY HEAP TAGGING		

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 11, 2004.

By: 
Name: Kayla E. Butcher

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



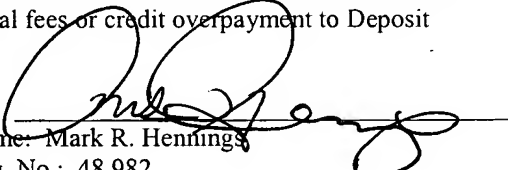
Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Information Disclosure Statement, Form 1449, 10 Reference(s)
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.
P.O. Box 2903, Minneapolis, MN 55402-0903
206.342.6200

By: 
Name: Mark R. Hennings
Reg. No.: 48,982
MRH

S/N 10/749,938



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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By:

Name: Kayla E. Butcher

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked



as being considered and initialed by the Examiner, to the undersigned with the next official communication.

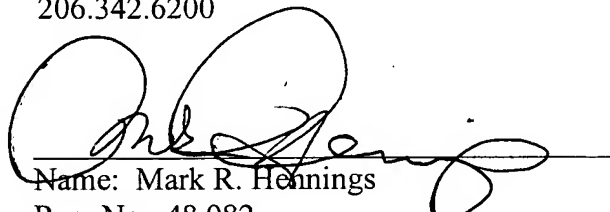
Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

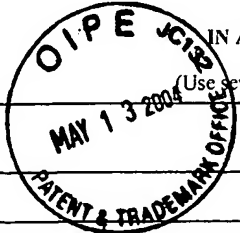


Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903
206.342.6200

Date: May 11, 2004


Name: Mark R. Hennings
Reg. No.: 48,982

FORM 1449* INFORMATION DISCLOSURE STATEMENT  IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 50037.0216US01	Application Number: 10/749,938
	Applicant: Michael Swafford et al.	
	Filing Date: 12/31/2003	Group Art Unit: Not Yet Assigned

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Olivier Danvy; <i>Memory Allocation and Higher-Order Functions</i> ; 1987; pgs. 241-252
		Steve Churchill; <i>Exception Recovery with Smart Pointers</i> ; C++ Report January 1994; pgs. 34-42
		Witawas Srisa-an, Chia-Tien Dan Lo, and J. Morris Chang; <i>Scalable Hardware-algorithm for Mark-sweep Garbage Collection</i> ; 2000 IEEE; pgs. 274-281
		Jonathan D. Bright, Gregory F. Sullivan and Gerald M. Masson; <i>Checking the Integrity of Trees</i> ; 1995 IEEE; pgs. 402-411
		Hamed Seyed-allaei; <i>Finite-size Scaling Approach to Dynamic Storage Allocation Problem</i> ; Science Direct April 2003; pgs. 563-569
		Kelvin Nilsen; <i>Reliable Real-Time Garbage Collection of C++</i> ; 1994 The USENIX Association, Computing Systems, Vol. 7, No. 4, Fall 1994; pgs. 467-504
		Steve Oualline; <i>Heap Checking – A pair of libraries for handling heap-related bugs</i> ; Dr. Dobb's Journal, November 1993; pgs. 28-32
		Lawrence D. Spencer; <i>Debugging Memory Allocation Errors – Replacing standard C functions and checking the status of the heap</i> ; Dr. Dobb's Journal, August 1990; pgs. 716-719, 782-784
		Tom Schotland and Peter Petersen; <i>Exception Handling in C Without C++ - Clean error handling without overhead</i> ; Dr. Dobb's Journal, November 2000; pgs. 102-110
		Tom Loveless; <i>Code-Spionage für einen guten Zweck</i> ; Elektronik 3/2000; pgs. 140-145

27488
PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	